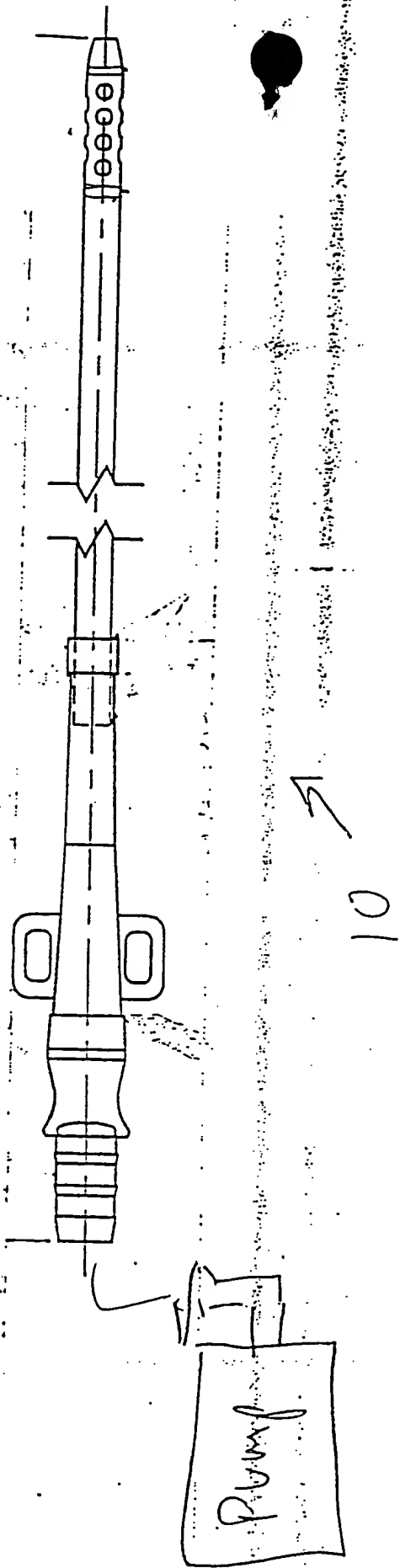
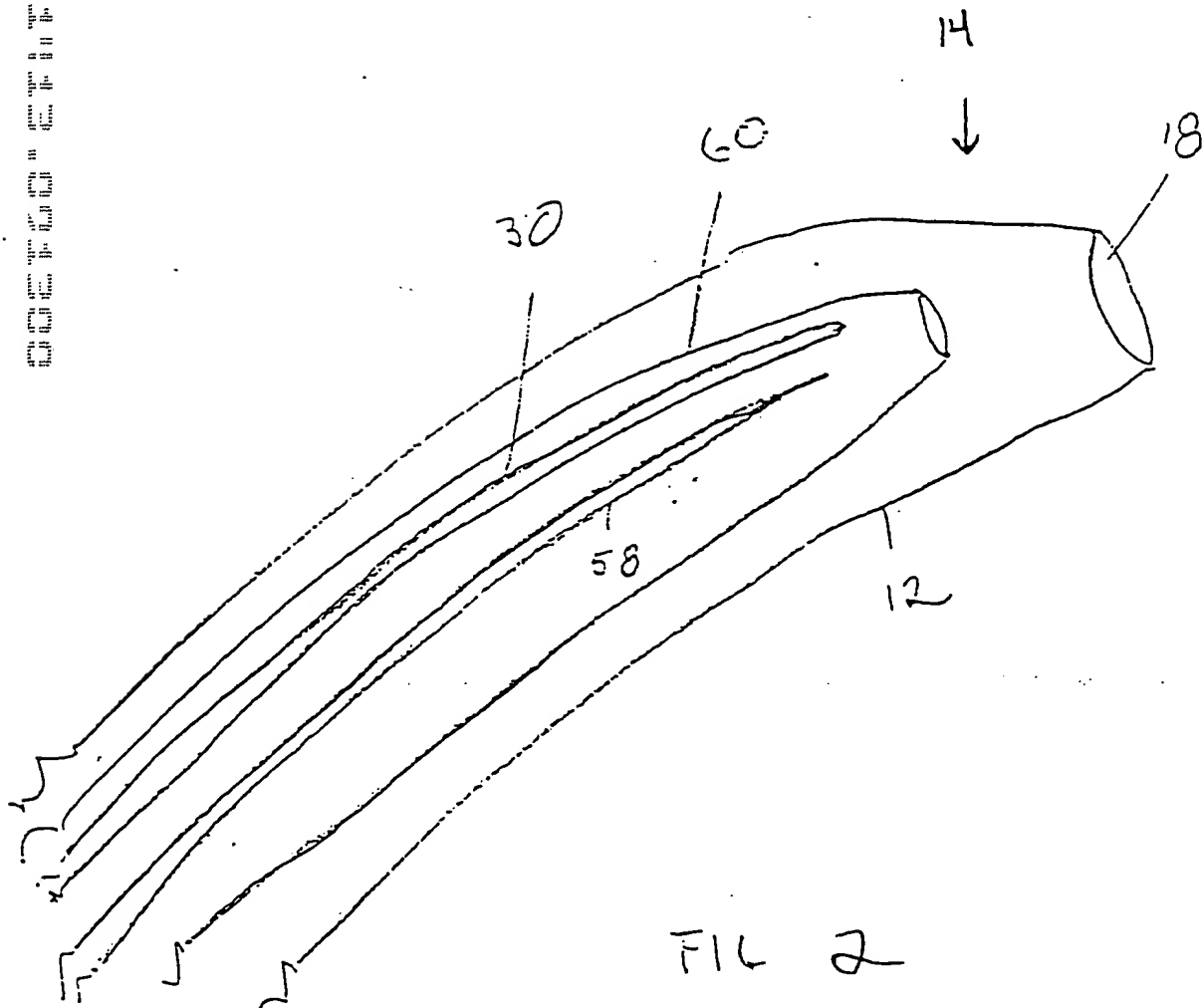
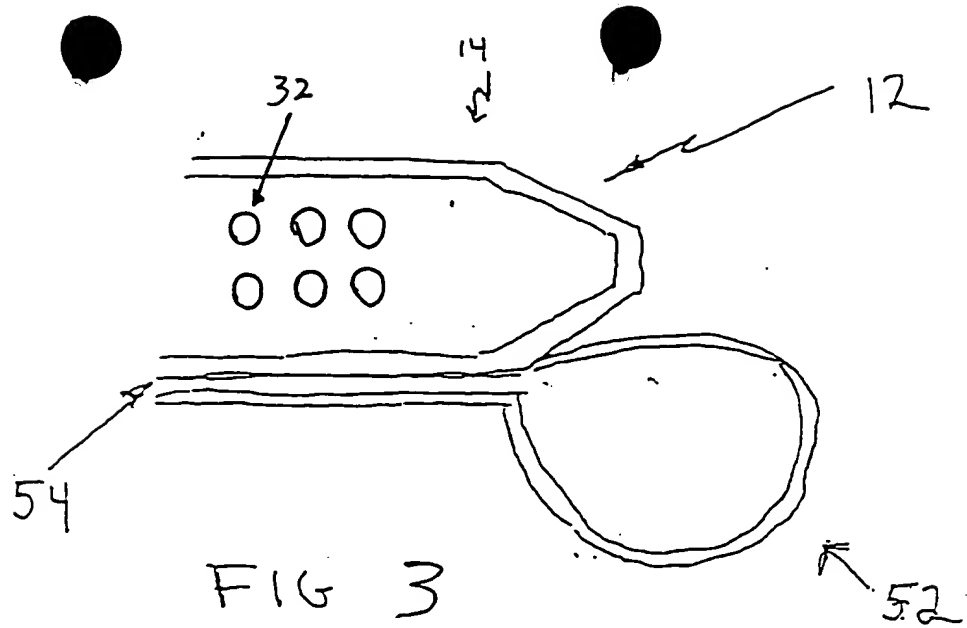


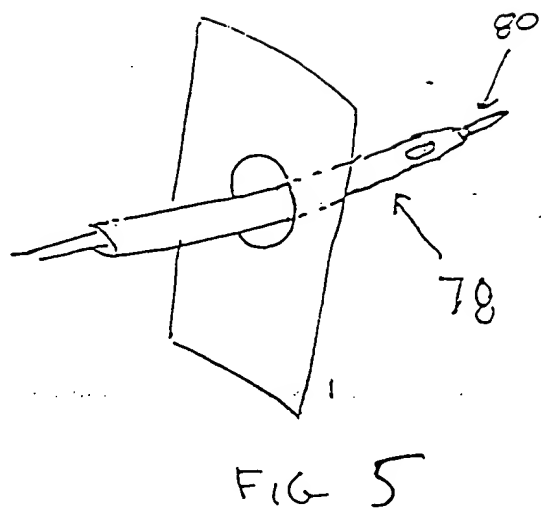
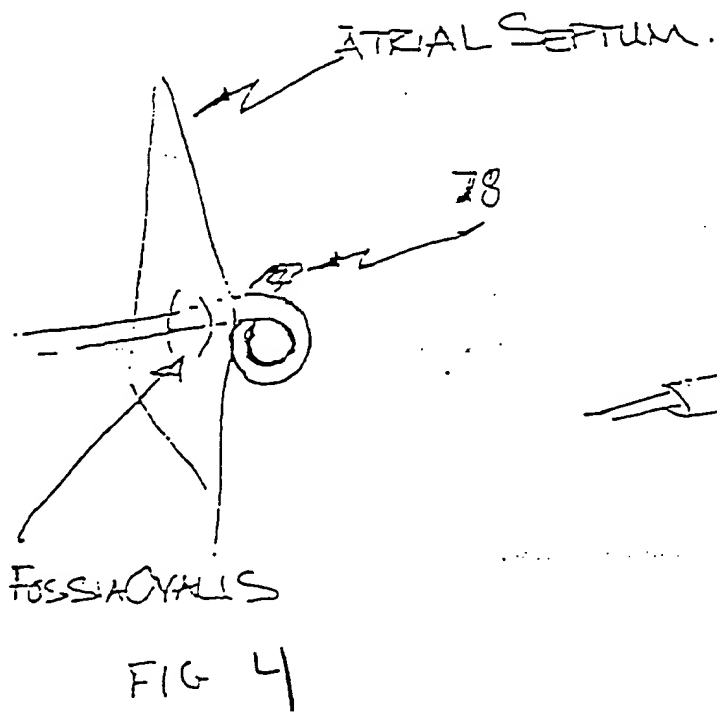
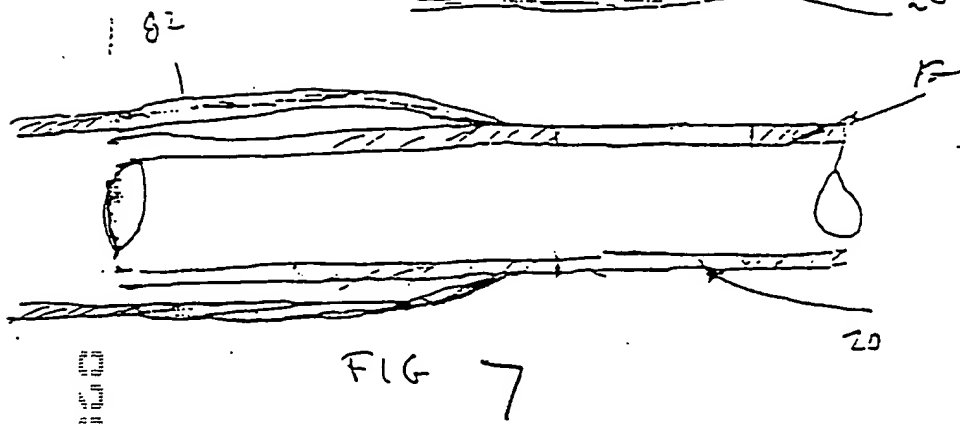
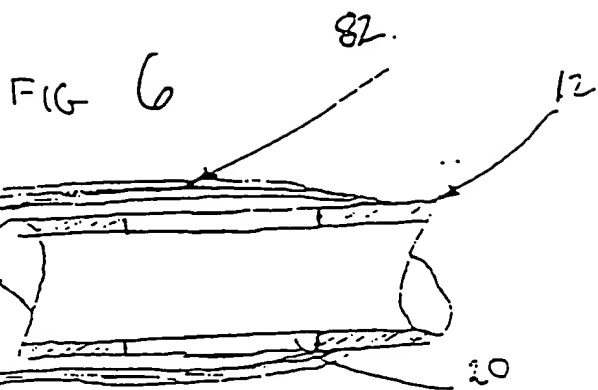
FIG. 1

FIG. 1





2025 RELEASE UNDER E.O. 14176



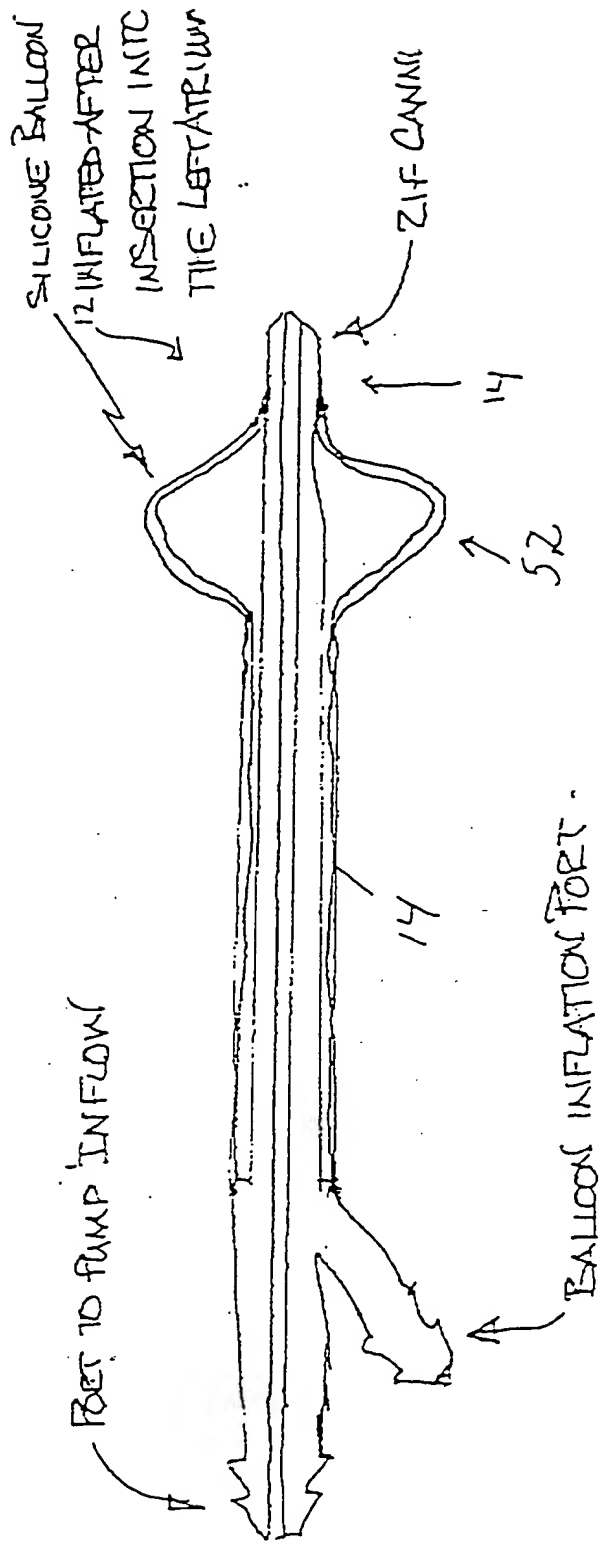
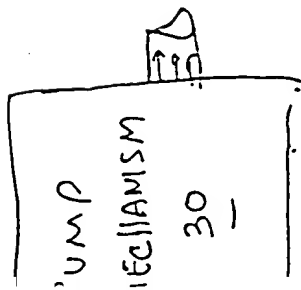


FIG 8



61

COPIES OF THE PATENT

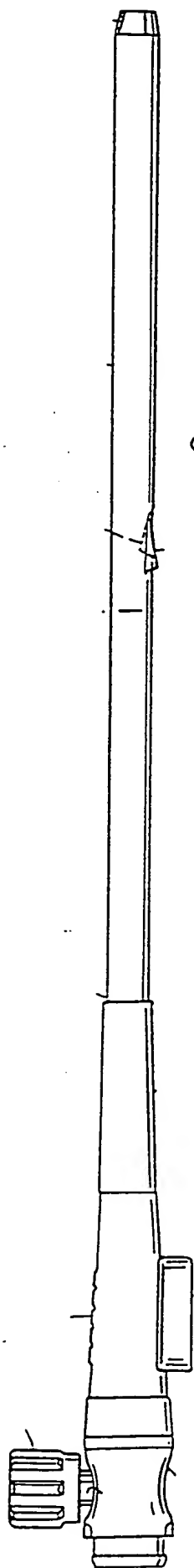


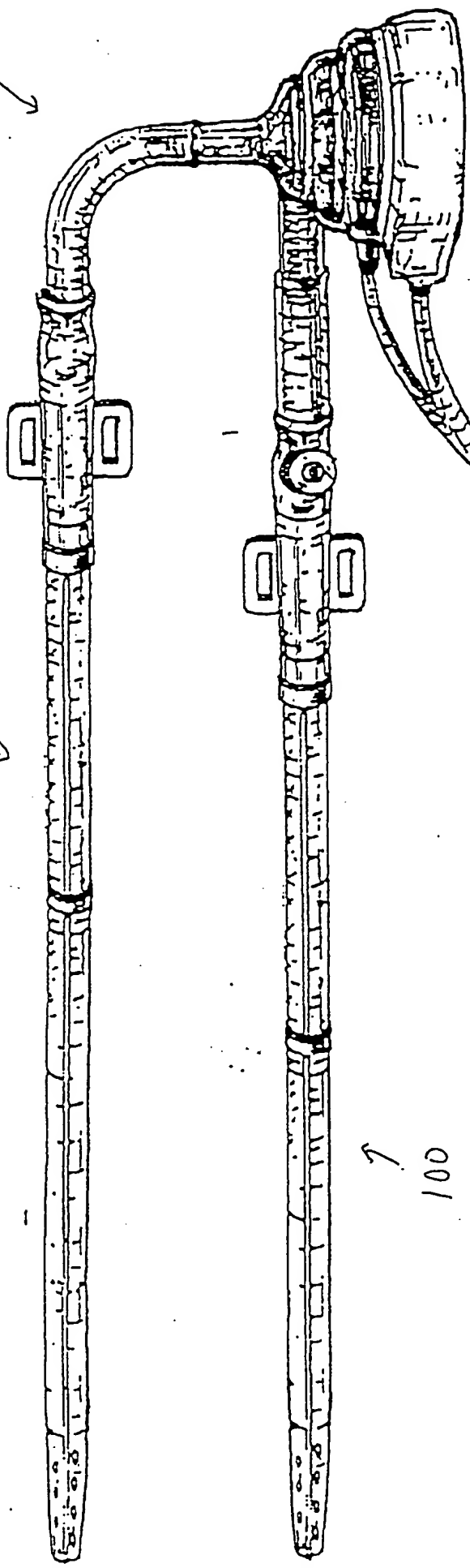
Fig. 10

110

FIG. 1

12

324



100

316

30

CONTROLLER  
332

FIG. 11

System 300

FIG. 12

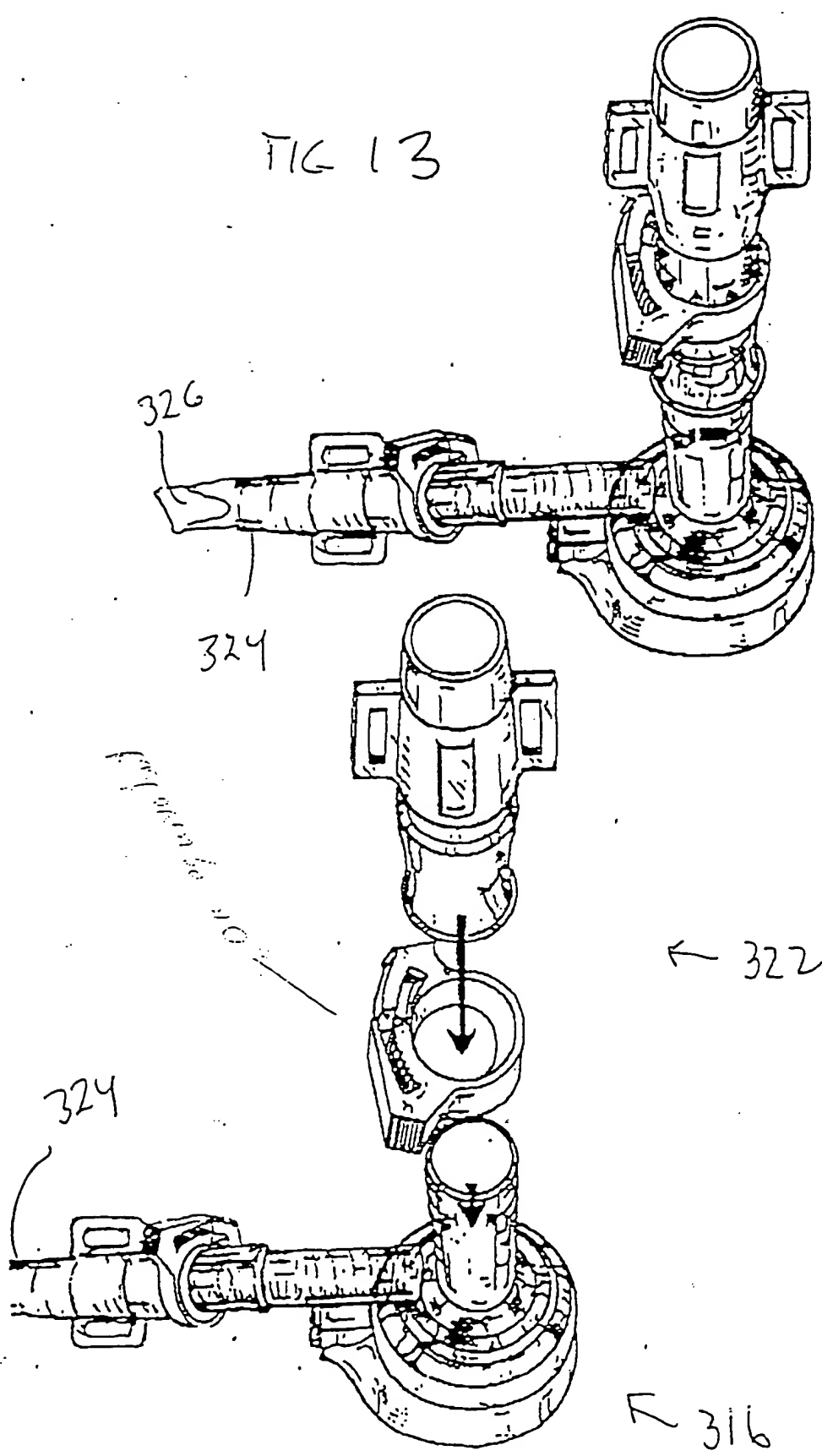


FIG 13

← 322

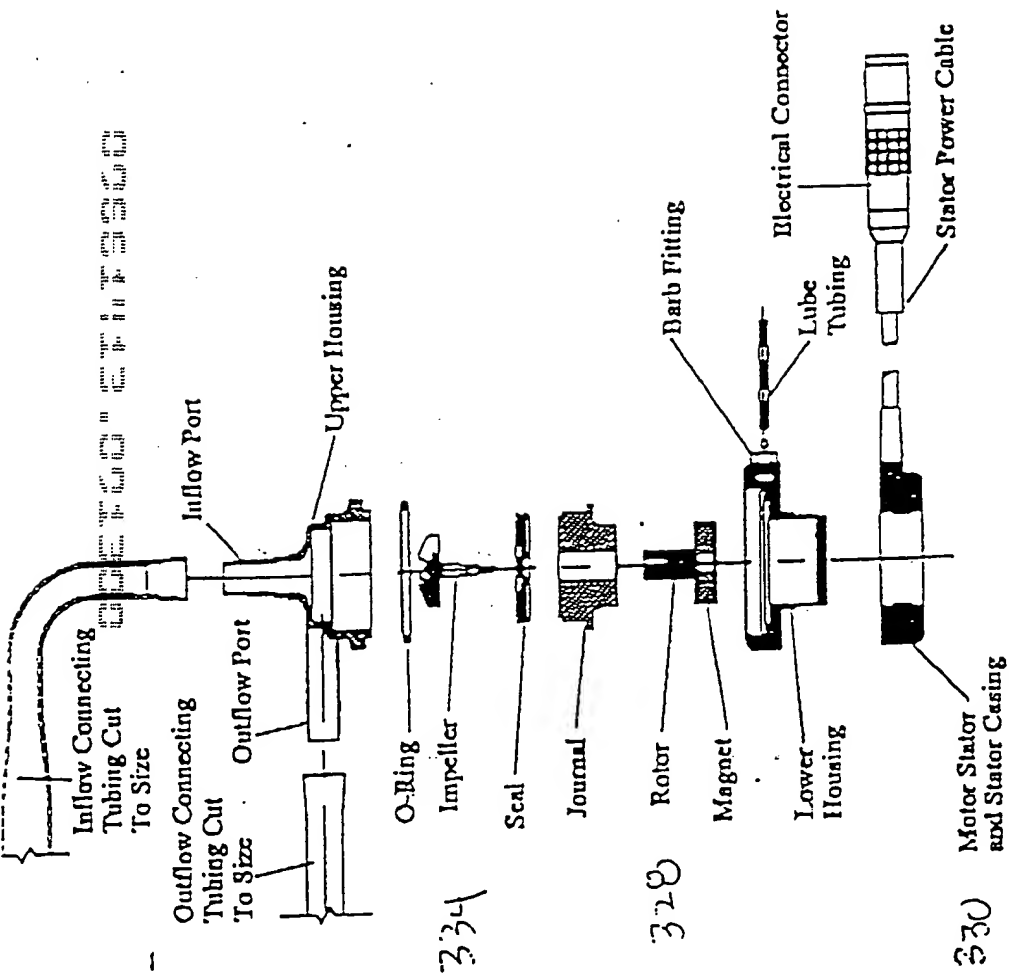
↖ 316

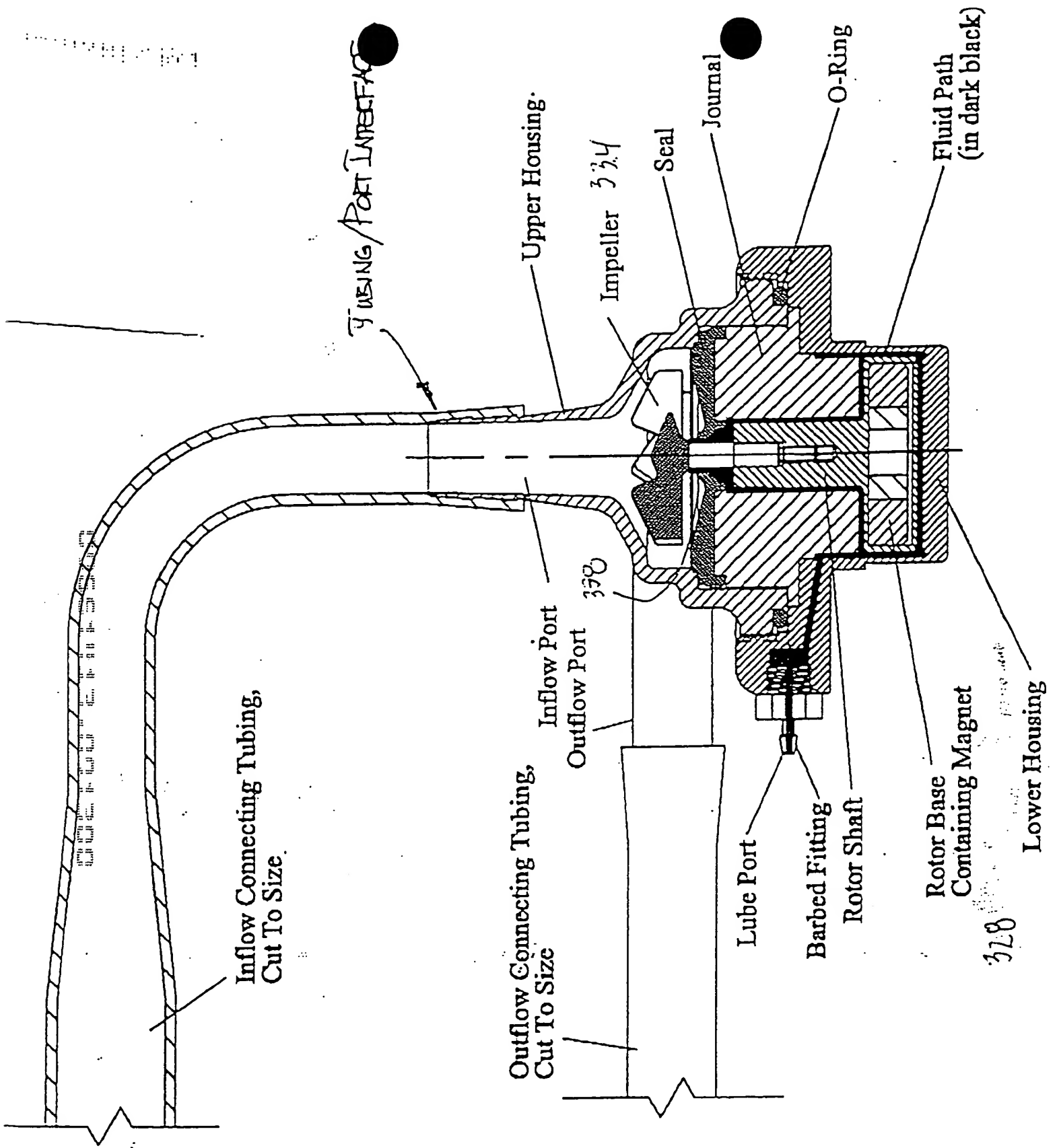
← 322

↖ 316

FIG 12

FIG 14





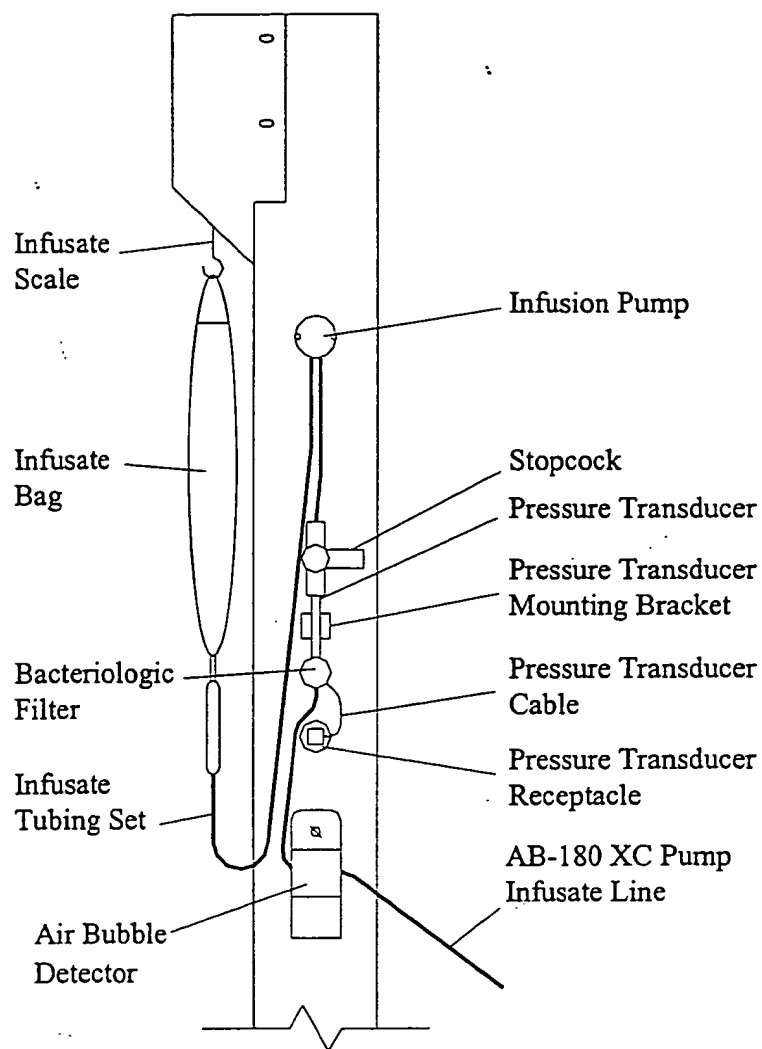
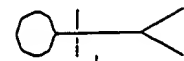


Figure 15a

# Patient

- Pump Drive
- Occl. Air
- Lube Fluid



3 cond  
+ shld  
1 Air  
1 Fluid

Operator  
Control  
Panel

## Lube Fluid

- Pump Direction -d
- Reset -d
- 12V Pwr (2)
- Screen Pwr (2)
- Pump current (2) - a
- Speed Set (2) - a
- Battery A - a
- Battery B - a
- Occl. Pressure - a
- Lube Pressure - a
- Lube weight - a
- Case temp - a
- Pump On/Off (2) - d
- Pump speed (2) - d
- Occluder infl - d
- RS-232 - d
- Alarm Contact - d
- W/D enable - d
- Pri/Bkup select - d
- Pump Flow - a
- Bubble Detect - d

3 cond  
+ shld  
1 Air

## Pole

- SBCMB
- Bag Weigh
- Lube Pressure
- Lube Pump
- Status Panel LED's
- Ground
- Bubble Detector
- Reset Circuit

18 cond  
+ 2 shld  
+ Grd Stud Connected

## Power Assembly

- 120/240 VAC IN
- RS-232 OUT
- Nurse Panel OUT

3 cond Pwr (2)  
2 cond analog  
+ shld (2)  
2 cond analog  
+ shld (2)  
7 cond analog  
+ shld  
10 cond Digital  
+ Grd Stud

FIG 16 a

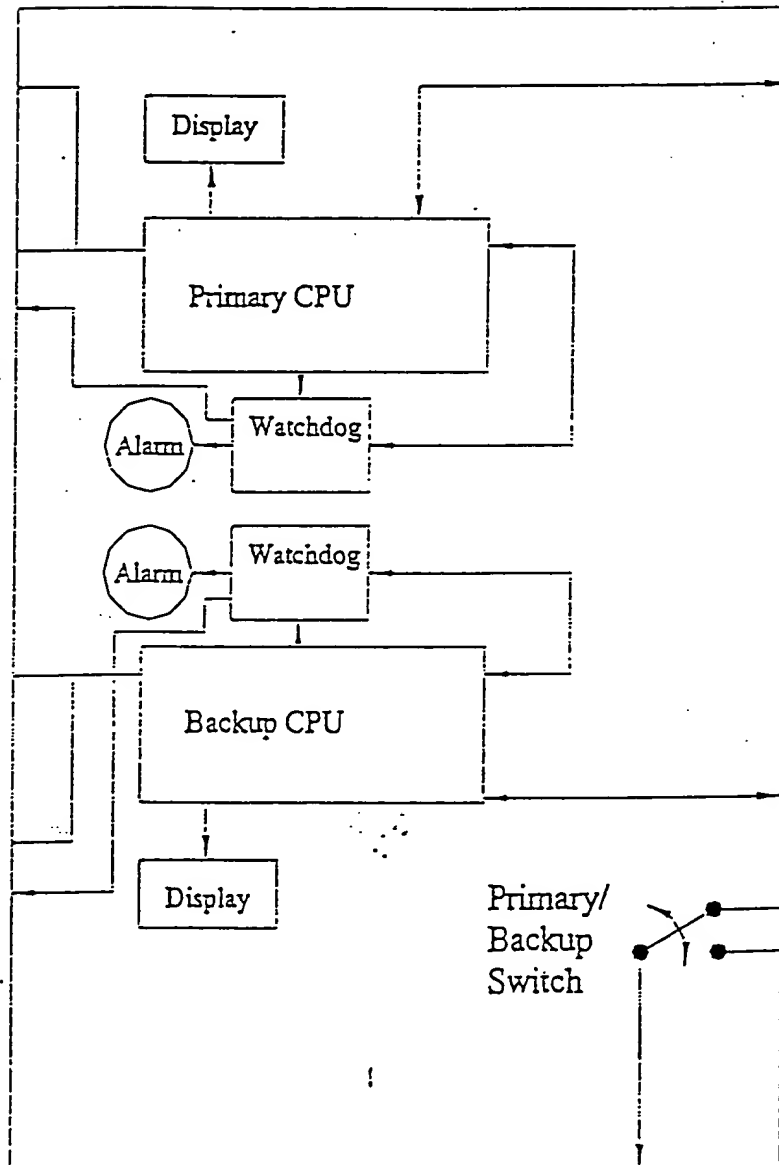
## Control Panel

- Switches
- Pump on/off
  - Alarm mute
  - Speed Set

- Lights
- Pump ON
  - Occluder Inflated/ Bubble Detected
  - Alarm
  - Pri/Bkup

- Switches
- Pump on/off
  - Alarm mute
  - Speed Set

- Lights
- Pump ON
  - Occluder Inflated/ Bubble Detected
  - Alarm
  - Pri/Bkup



## To/From Power Assembly

- 12 V Power, sense
- Screen Power
- Pump Current
- Speed Set
- Pump On/Off
- Pump Speed
- Pump Direction
- Battery A
- Battery B
- Occl. pressure
- Lube pressure
- Lube weight
- Case temp
- W/D enable
- Occluder infl
- RS-232
- Alarm Contact
- Pri/Bkup Select
- 12 V Power, sense
- Screen Power
- Pump Current
- Speed Set
- Pump On/Off
- Pump Speed
- Pump Drive
- Occlu. Air

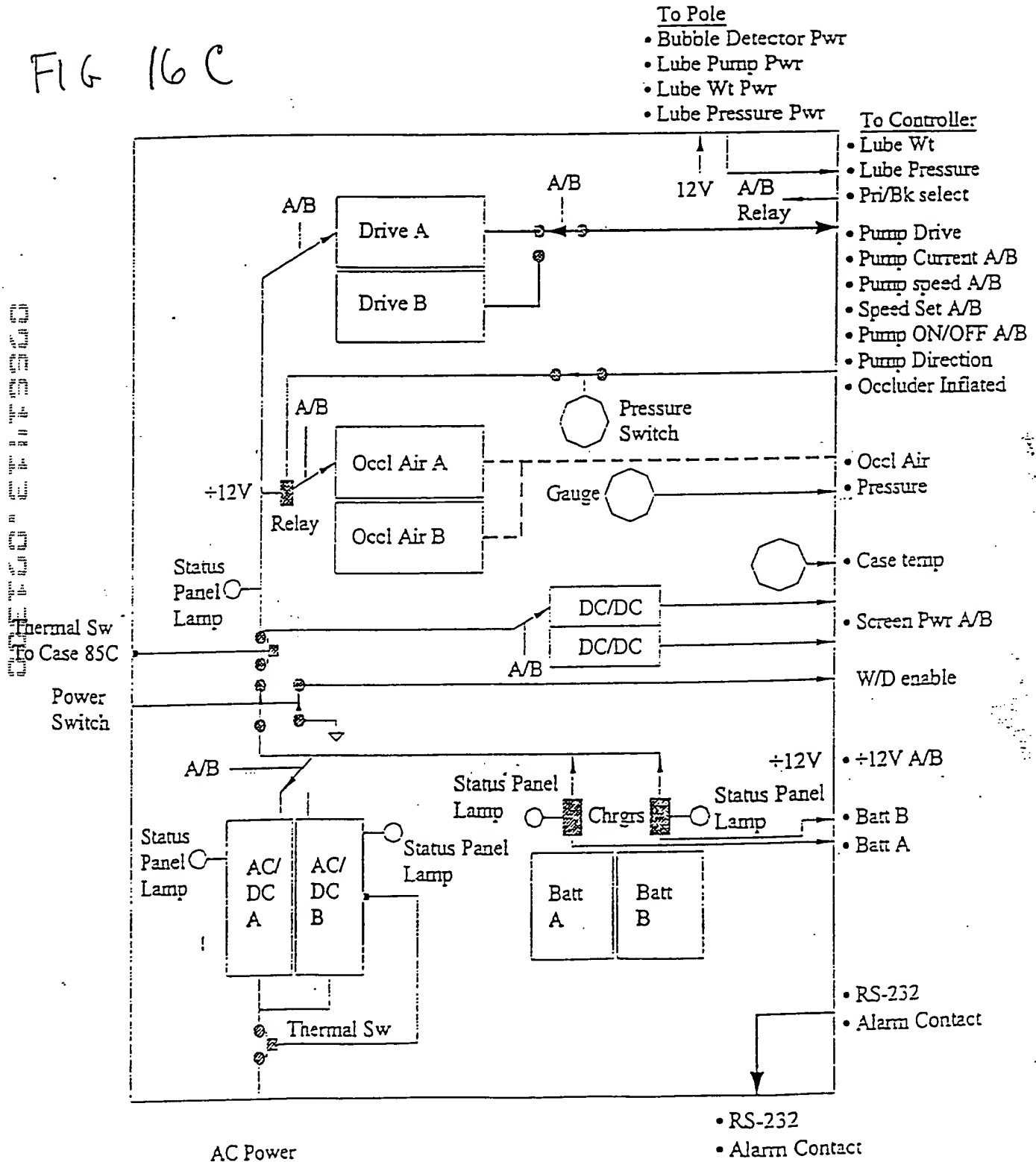
## To Patient

- Pump Drive
- Occlu. Air

FIG 16b

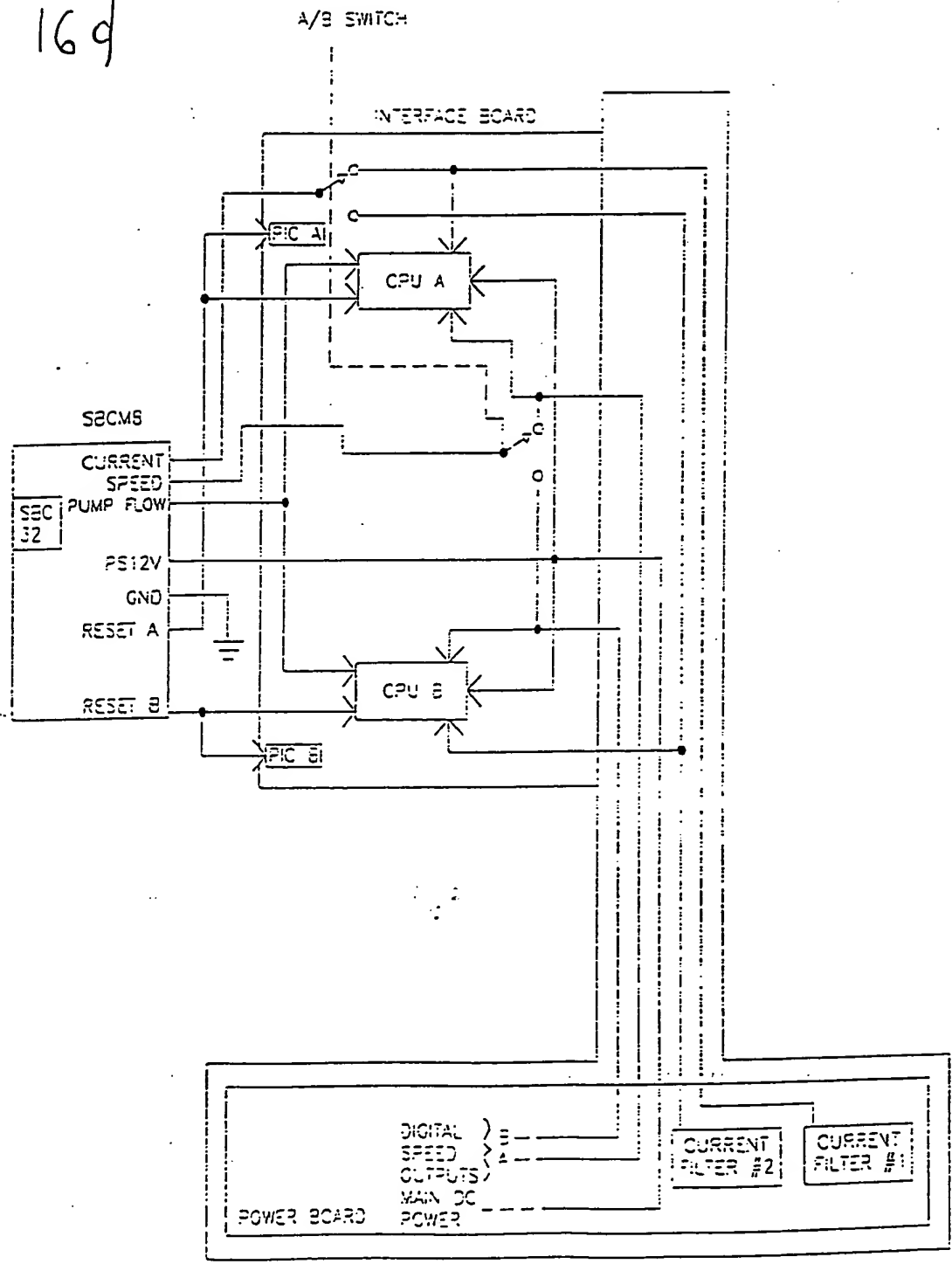
# Power Assembly

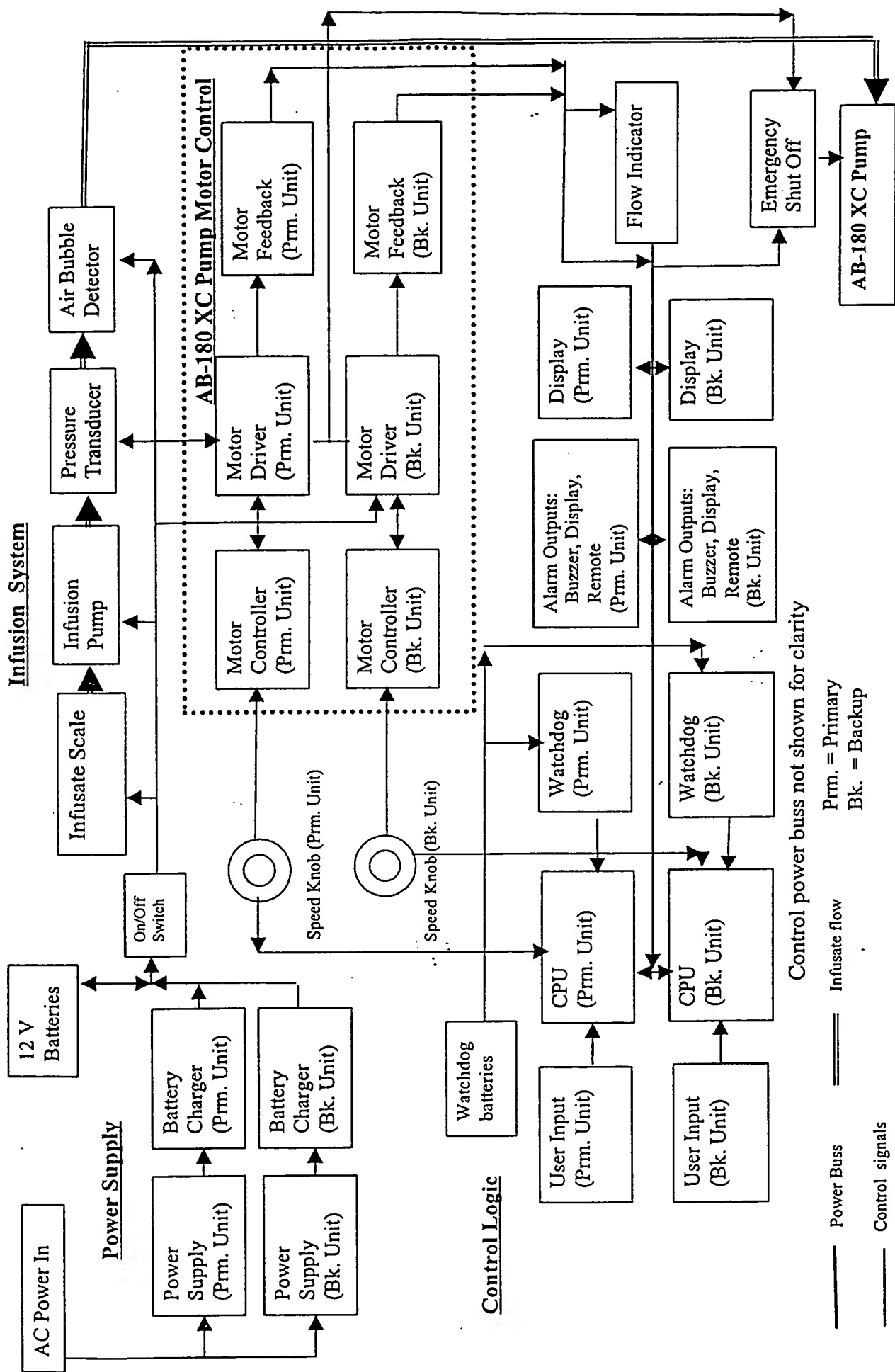
FIG 16 C

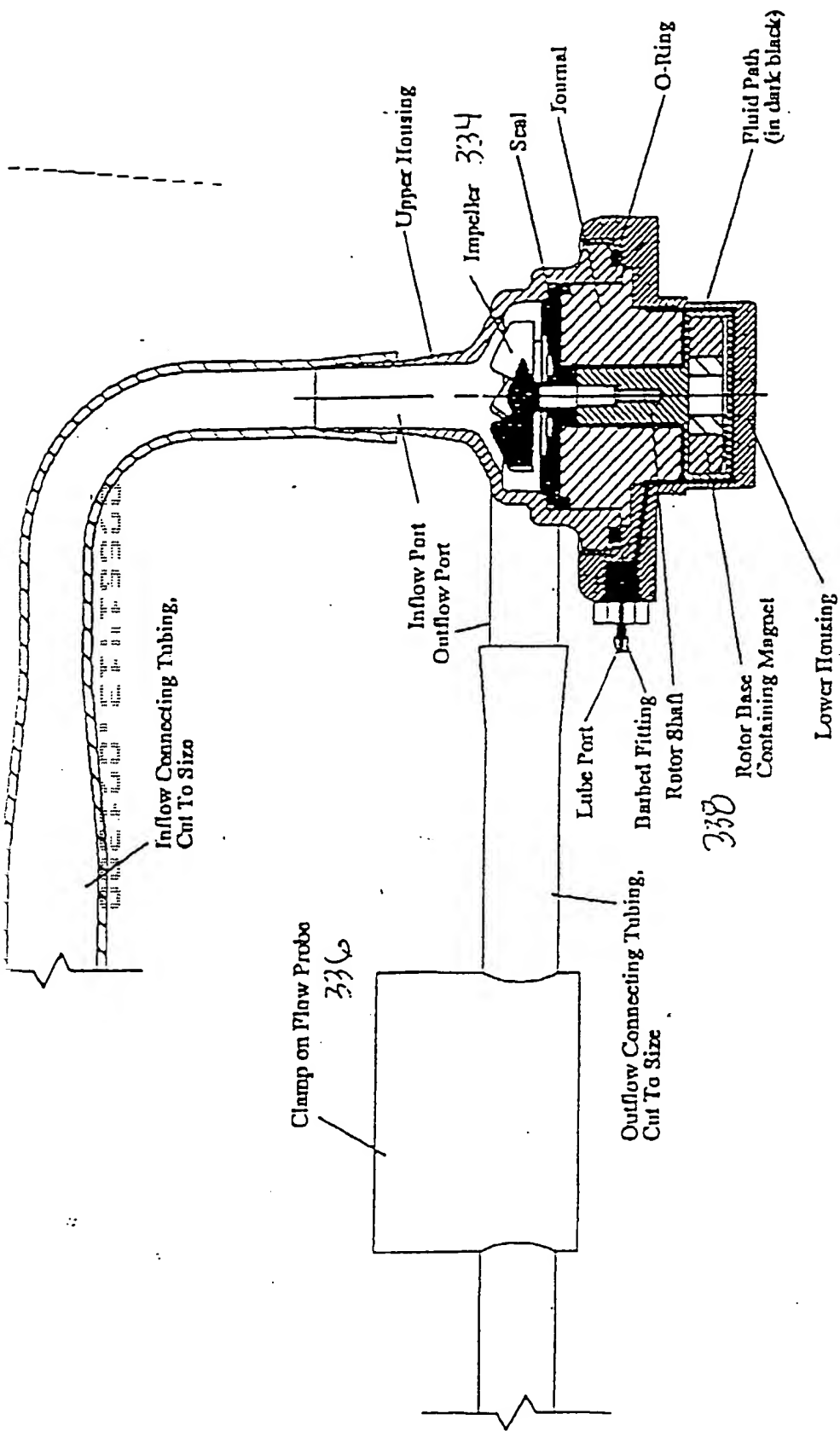


SECMB CONNECTION DIAGRAM

FIG 16d







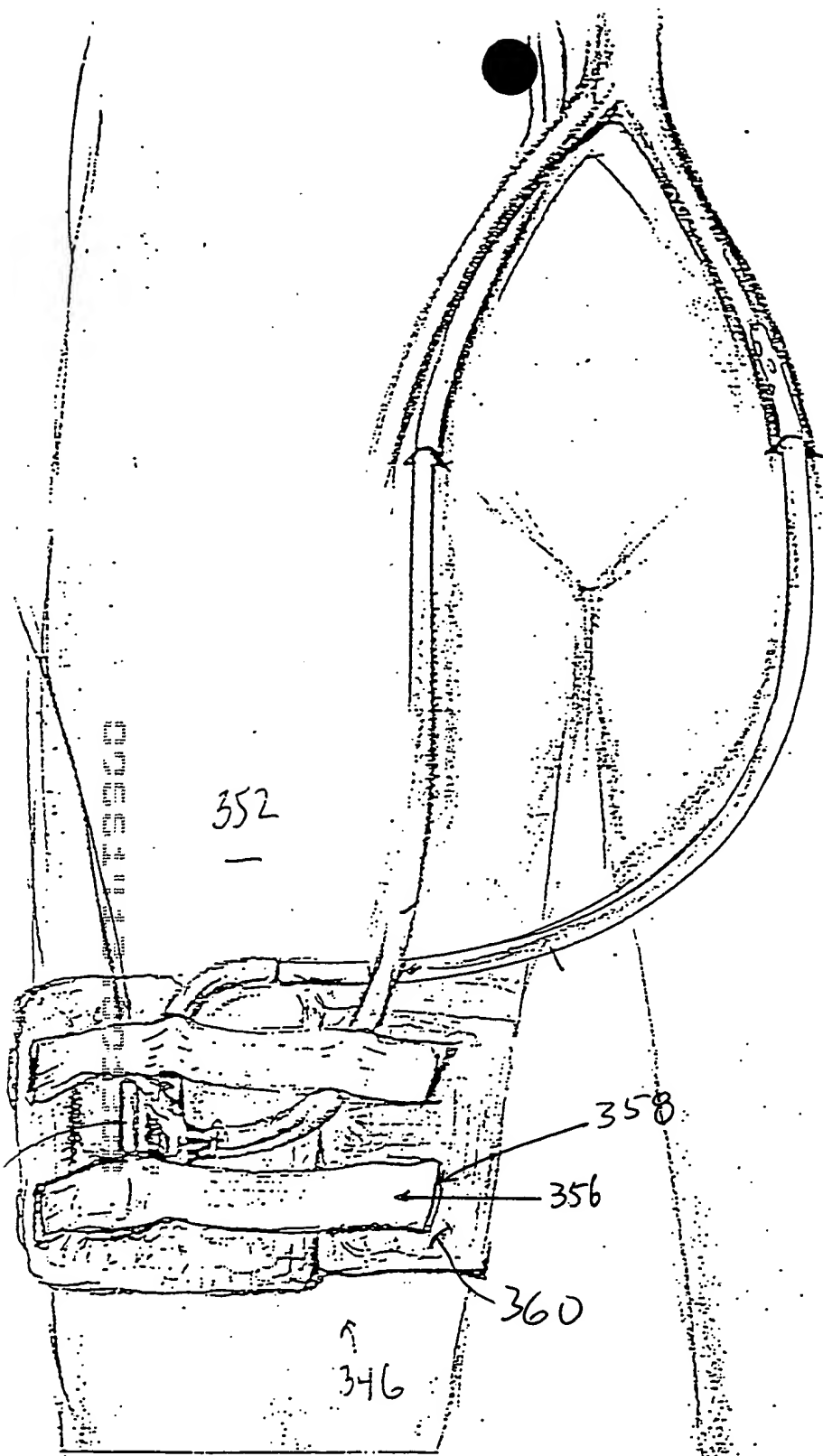


FIG 18  
Patient Portion  
350

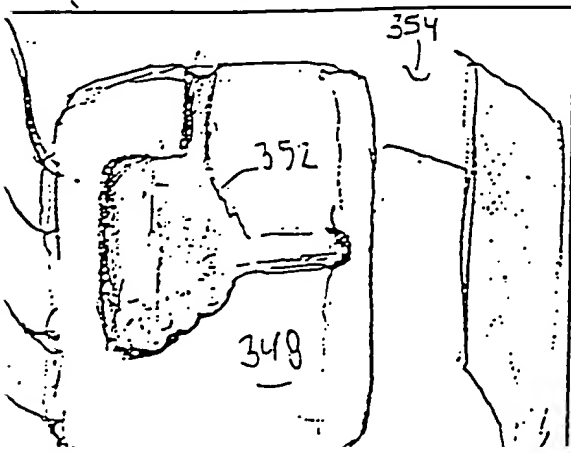


FIG  
19

A black and white line drawing of a mechanical device, possibly a pump or engine component. The drawing is oriented vertically. On the left side, there is a large, curved, ribbed structure that resembles a bellows or a large valve. A central vertical shaft or pipe runs through the middle of the device. On the right side, there is a complex assembly of pipes, valves, and a cylindrical component. The drawing is labeled '346' with a downward arrow pointing to the central shaft area. The overall style is that of a technical sketch or a simple line drawing.

346  
↓

-316

FIG. 21

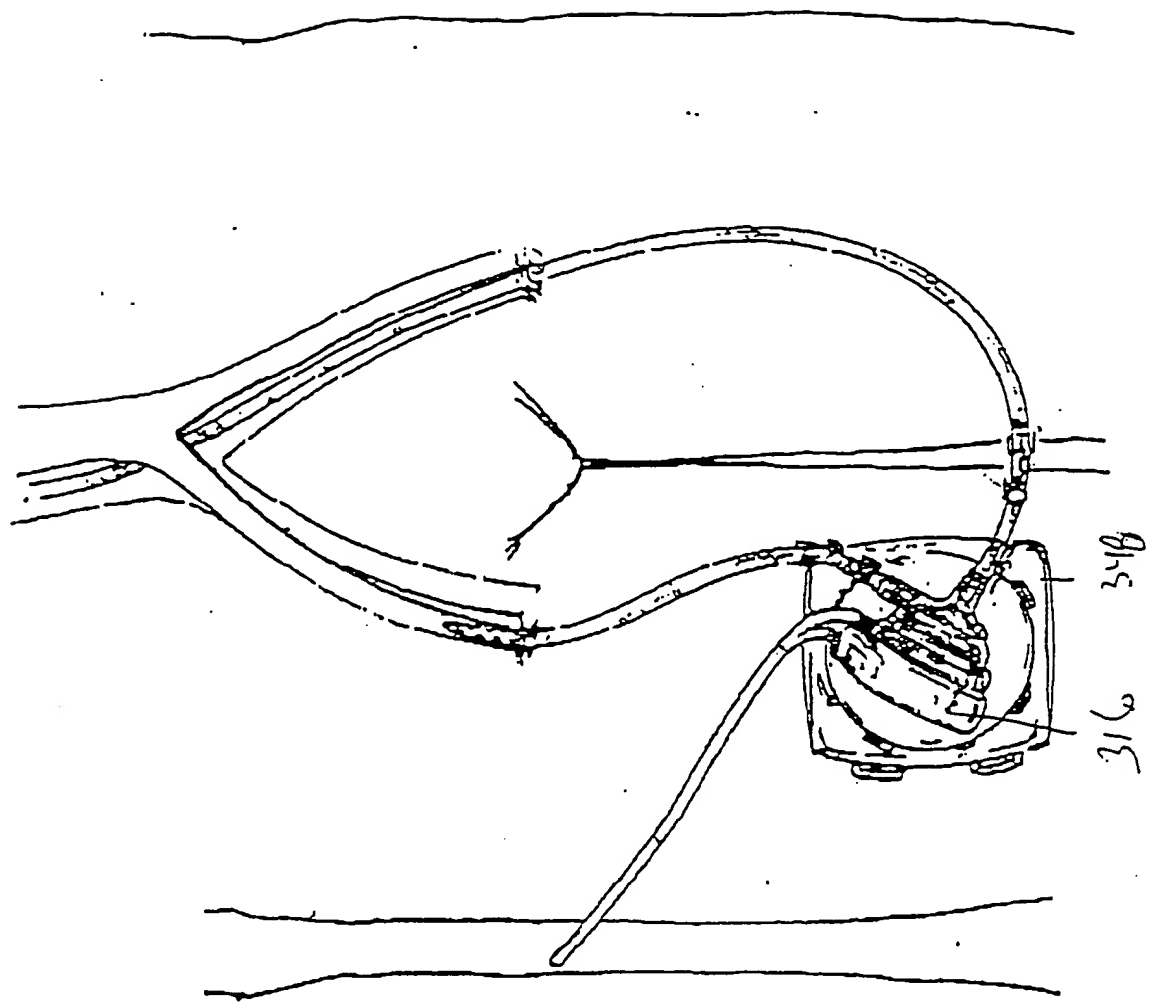
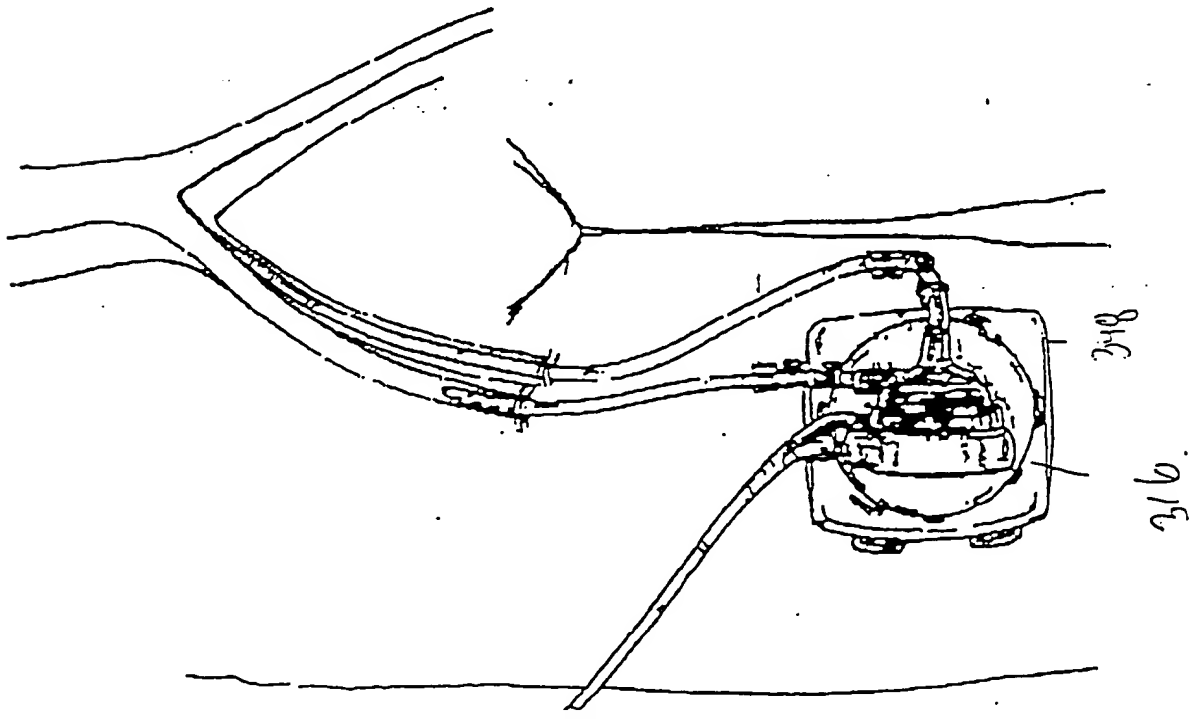
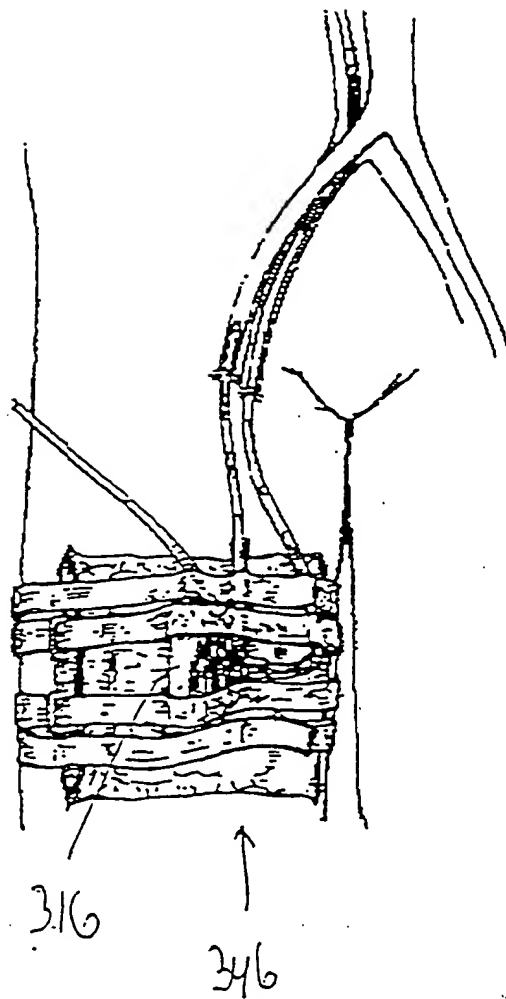


FIG. 22

FIG. 21



Fil 23

```

/---|   |---|   |---|   |---|   |---|
|   |   |   |   |   |   |   |   |
|   |---|   |---|   |---|   |---|   |
<----- elapsed_ms ----->

```

elapsed\_ms = Actual number of milliseconds in the time interval.

Fig 24

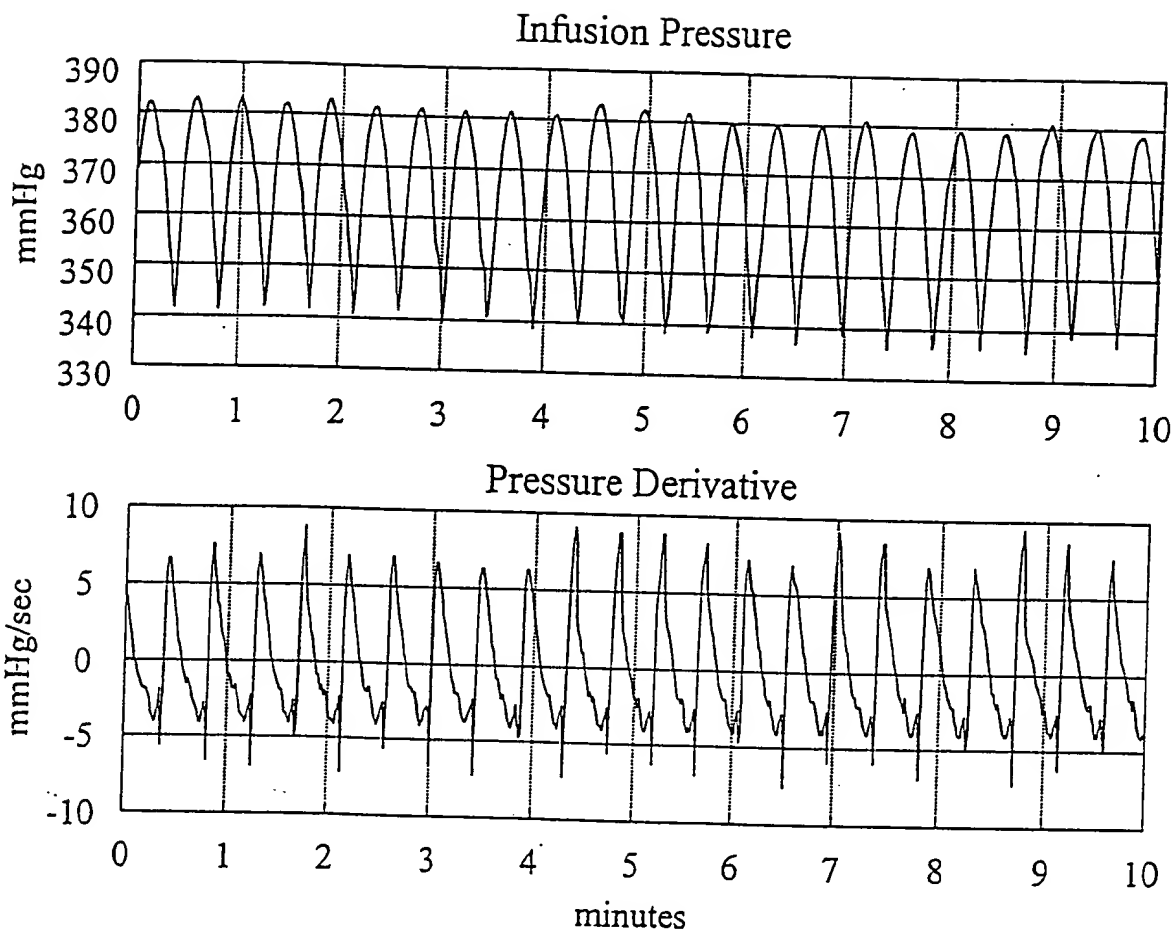


FIG 25

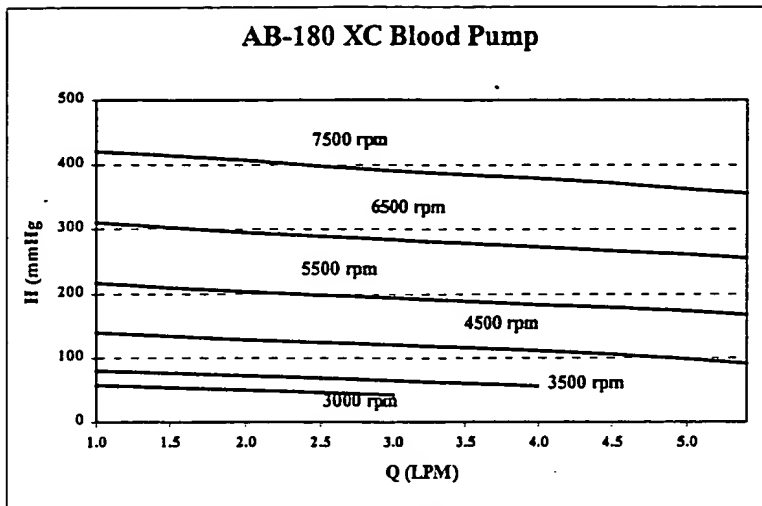


Figure 26a.

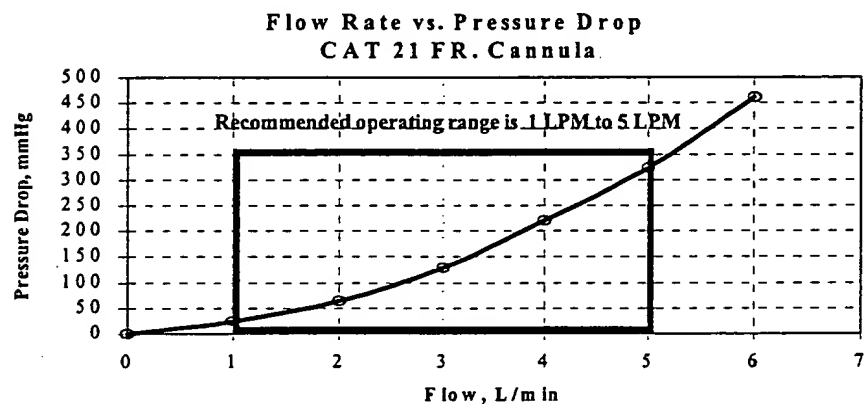


Figure 26b.

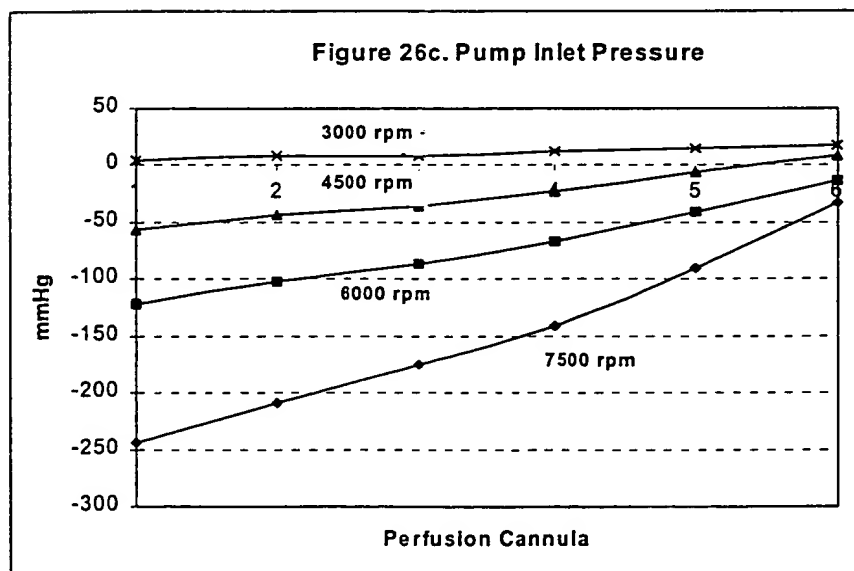


FIG 27 c

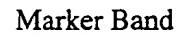
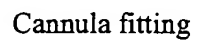


FIG 27b



### Dilator Tip

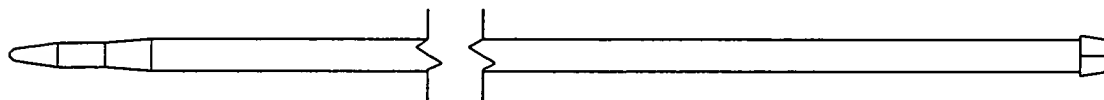


FIG 27 a

המחבר מודיע כי המערכת פותחה על ידי משרד המדע והטכנולוגיה של מדינת ישראל, והיא נמצאת בתהליך הפיתוח והבדיקה. כל הזכויות שמורות.

